y. 08/22/2003 forney Docket No. IMMR-022/01US

**PATENT** 

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Gregory L. MERRIL et al.

Serial No.:

09/811,358

Examiner:

John P. Leubecker

Confirmation No.: 7776

Art Unit:

3739

Filed:

March 16, 2001

For:

METHOD AND APPARATUS FOR CONTROLLING FORCE FOR

MANIPULATION OF MEDICAL INSTRUMENTS

U.S. Patent and Trademark Office 220 20<sup>th</sup> Street South Customer Window Crystal Plaza Two, Lobby, Room 1B03 Arlington, Virginia 22202

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Enclosed is an Information Disclosure Statement and accompanying Form PTO/SB/08A for the above-identified patent application.

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	[x] the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p); or
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The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 50-1283.

Dated: June 16, 2004

Cooley Godward LLP ATTN: Patent Group One Freedom Square Reston Town Center 11951 Freedom Drive Reston, VA 20190-5656 Tel: (703) 456-8000

Tel: (703) 456-8000 Fax: (703) 456-8100

208848 v1/RE 4H5C01!.DOC Respectfully submitted, COOLEY GODWARD LLP

By:

Erik B. Milch Reg. No. 42,887



### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In	re app	lication	of (	Gregory	L.	MERRIL	et al.
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# INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(c)

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56, Applicant(s) hereby submits the following information in conformance with 37 C.F.R. §§1.97 and 1.98.

[x]	Pursuant to 37 C.F.R. §1.98, a copy of each document cited in the attached Form PTO/SB/08 is provided on the enclosed CD.
[]	No copies of the publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No to which the above-identified application claims priority under 35 U.S.C. §120.
[]	No copies of any U.S. patents or U.S. patent application publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98 because this application was filed after June 30, 2003.
[]	Publication(s) listed on the attached Form PTO/SB/08A were cited in a foreign search or examination report corresponding to application serial no and mailed on

		of the	M.P.E.I	copy of a non-English publication(s) Pursuant to §609 P., Applicant submits the attached foreign search or eport, which cites such non-English language publication(s).
	[]		ation	copy of a non-English publication(s) English language _ (copy enclosed) claims priority from this non-English
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C.F.R.				closure Statement is filed after the period specified in 37 the mailing of:
		[x]	a final	action under 37 C.F.R. §1.113;
		[]	a notic	e of allowance under 37 C.F.R. §1.311; or
		[]	an acti	on that otherwise closes prosecution in this application.
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		[x]	Fee un	der 37 C.F.R. §1.17(p) in the amount of \$180.00; or
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It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08A to the undersigned.

Dated: June 16, 2004

Cooley Godward LLP ATTN: Patent Group One Freedom Square Reston Town Center 11951 Freedom Drive Reston, VA 20190-5656 Tel: (703) 456-8000

Tel: (703) 456-8000 Fax: (703) 456-8100

208849 v1/RE 4H5D01!.DOC Respectfully submitted, COOLEY GODWARD LLP

By:

Erik B. Milch Reg. No. 42,887

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### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of 3 Sheet

	Complete if Known	
Application Number	09/811,358	
Filing Date	March 16, 2001	
First Named Inventor	Gregory L. Merril	
Art Unit	3739	
Examiner Name	John P. Leubecker	
Attorney Docket Number	IMMR022/01US	

			U.S. PATENT DOC	UMENTS	
		Document Number			
Examiner	Cite No.1	Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		6,422,941	7/23/2002	Thorner et al.	
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Examiner Initials*	Cito	F	Foreign Patent Document				Name of Patentee or	Pages, Columns, Lines,
	Cite No. <sup>1</sup>	Country Code <sup>3</sup>	Number⁴	Kin	nd Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	te Applicant of Cited	Where Relevant Passages or Relevant Figures Appear
		JP	H2-185278			7/19/1990	Taito Corporation	
		JP	H4-8381			1/13/1992	Epoch Co. and Key- Planning Co.	
		JP	H7-24147			1/27/1995	Sega Corporation	
		JP	H5-192449			8/3/1993	Taito Corporation	

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3

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First Named Inventor	Gregory L. Merril	
Art Unit	3739	
Examiner Name	John P. Leubecker	
Attorney Docket Number	IMMR022/01US	

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
		PATRICK, "Design, Construction, and Testing of a Fingertip Tactile Display for Interaction with Virtual and Remote Environments," <i>Master of Science Thesis</i> , MIT, Aug. 1990, archived Nov. 8, 1990.	
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		"Component Maintenance Manual With Illustrated Parts List, Coaxial Control Shaker Part no. C-25502," Safe Flight Instrument Corporation, Revised 28 January 2002 (3 pages).	

Examiner	Date	
Signature	Considered	

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Substitute for form 1449A/PTO Complete if Known **Application Number** 09/811,358 INFORMATION DISCLOSURE Filing Date March 16, 2001 STATEMENT BY APPLICANT **First Named Inventor** Gregory L. Merril Art Unit 3739 (use as many sheets as necessary) Examiner Name John P. Leubecker Sheet of IMMR022/01US Attorney Docket Number

	,	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
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		"Technical Manual Overhaul Instructions With Parts Breakdown, Coaxial Control Shaker Part no. C-25502," Safe Flight Instrument Corporation, Revised 15 July 1980 (23 pages).	
		SCANNELL, "Taking a Joystick-Ride," Computer Currents, Boston Edition, Vol. 9, No. 11, November 1994	
		YAMAKITA et al., "Tele-Virtual Reality of Dynamic Mechanical Model," <i>Proceedings of the 1992 IEEE/RSJ International Conference on Intelligent Robots and Systems</i> , Raleigh, NC, July 7-10, 1992	
		NOLL, "Man-Machine Tactile," SID Journal, July/August 1972 Issue.	
		ROSENBERG, "Virtual Fixtures: Perceptual Overlays Enhance Operator Performance In Telepresence Tasks," Ph.D. Dissertation, Stanford University, June 1994.	

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